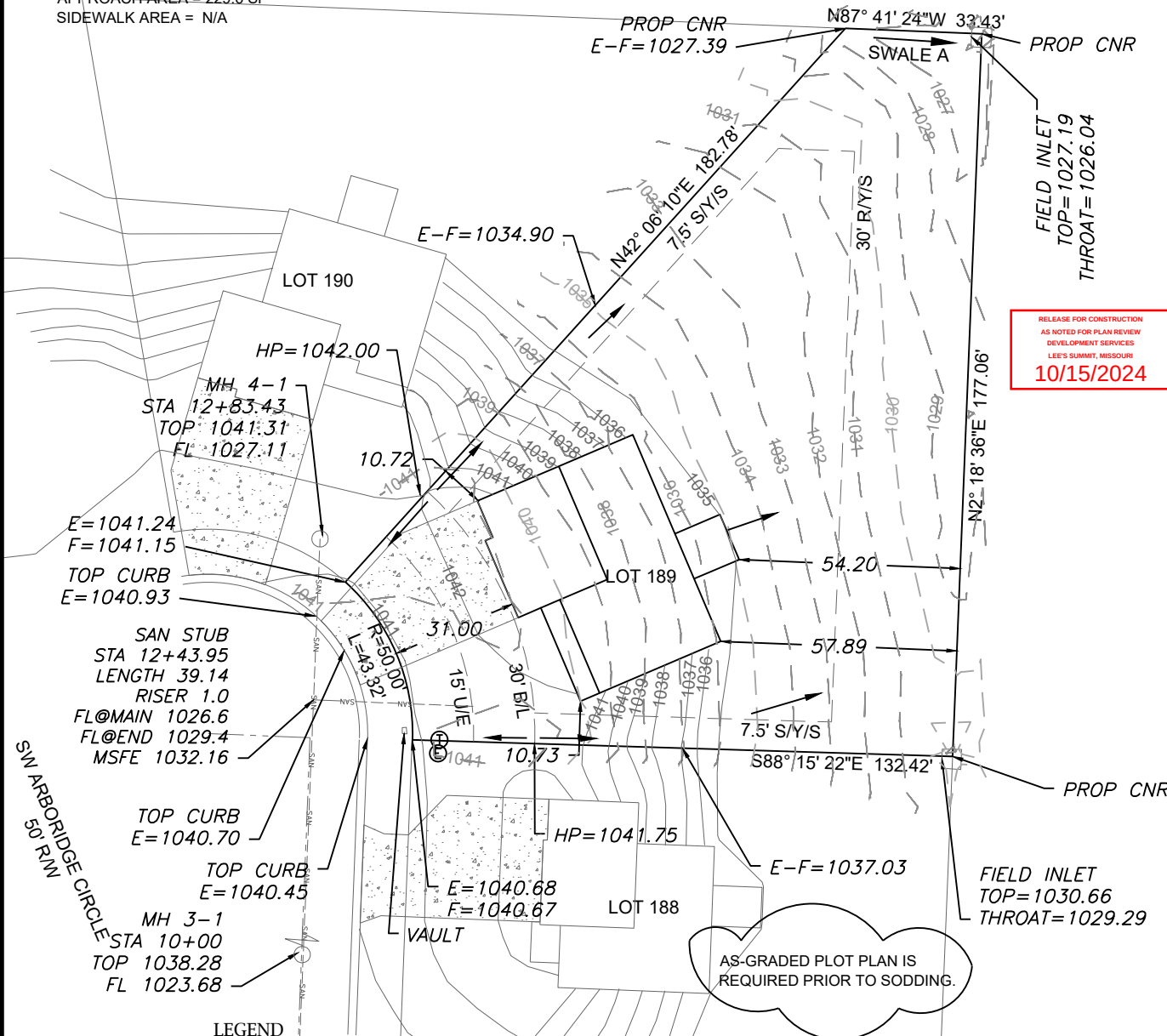


EXTENDED LOT AREA = 18,479.6 SF
DRIVE AREA = 947.5 SF
APPROACH AREA = 229.6 SF
SIDEWALK AREA = N/A



RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
10/15/2024

LEGEND

- Gas Meter
- Telephone or Fiber-Optic Pedestal
- Cable TV Pedestal
- Electric Pedestal
- Light Pole
- Mailbox
- Fire Hydrant
- Water Valve

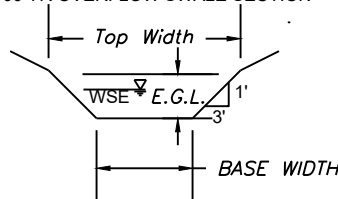
EMERGENCY OVERFLOW SWALE CALCULATIONS

100 YEAR OVERFLOW SWALES

Section A-A

MANNING COEFF.	0.03
CHANNEL SLOPE (%)	1.82
MIN SWALE DEPTH(FT.)	1.32
SIDE SLOPE	3 : 1
BOTTOM WIDTH(FT.)	5.00
TOP WIDTH (FT.)	6.92
WATER DEPTH	0.32

100 YR OVERFLOW SWALE SECTION



PROPOSED HOUSE

TOP FOUNDATION = 1043.75
GARAGE FLOOR = 1042.75
TOP FOOTING = 1035.75
BASEMENT FLOOR = 1036.08
DRIVE SLOPE = 5.9%

E = EXISTING ELEVATION
F = PROPOSED FINAL ELEVATION
G = ADJACENT GRADE AT EGRESS
U/E = UTILITY EASEMENT
B/L = BUILDING LINE
S/Y/S = SIDE YARD SETBACK
R/Y/S = REAR YARD SETBACK

NOTES

- BUILDER TO VERIFY ALL BUILDING ELEVATIONS AND DIMENSIONS.
- THIS PLOT PLAN DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- THE EASEMENTS SHOWN ON THIS PLOT PLAN ARE TAKEN FROM THE FINAL PLAT. OTHER EASEMENTS MAY EXIST.

OS BAR
E=1036.45

OS BAR
E=1041.41

E=1036.21
F=1035.58

E=1035.91
F=1035.58

OS BAR
E=1035.69

OS BAR
E=1040.95

E=1040.88
F=1042.75

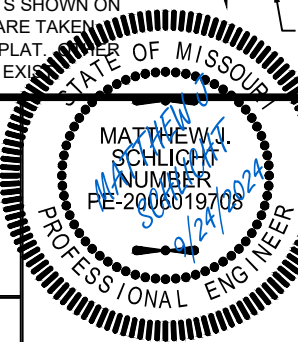
E=1040.01
F=1042.00

PLAN: CAROLINA Scale 1"=20'

LOT INFORMATION

18,055 SQ. FT.
MSFE = 1032.16
MLO (REAR LEFT)= 1028.66
MLO (REAR RIGHT)=1031.75
ADDRESS
3211 SW ARBORIDGE CIR
LEGAL DESCRIPTION
LOT 189, HAWTHORN RIDGE 3RD
PLAT, A SUBDIVISION AS
RECORDED IN LEE'S SUMMIT,
JACKSON COUNTY, MISSOURI.

ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P:(816) 623-9888 F:(816)623-9849
WWW.ENGINEERINGSOLUTIONSKC.COM



PLOT PLAN - LOT 189

HAWTHORN RIDGE 3RD PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

SUMMIT HOMES
120 SE 30TH STREET
LEE'S SUMMIT, MO 64082

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 189, HAWTHORN RIDGE	8/22/24	1	1

THIS DRAWING IS NOT VALID UNLESS THE SIGNATURE, DATE AND SEAL OF THE ENGINEER WHO SUPERVISED THE PREPARATION OF THIS DRAWING HAS BEEN AFFIXED HERETO.